

Title (en)
DISULFONATE PROCESS CONTROL

Publication
EP 0378760 B1 19930210 (EN)

Application
EP 89119609 A 19891023

Priority
US 28912188 A 19881223

Abstract (en)
[origin: EP0378760A1] In a process for the production of hydroxylamine disulfonate diammonium salt (DS) comprising feeding an aqueous ammonium nitrite solution, SO₂ gas and trim ammonia to a packed column to create a reaction mixture to produce DS; the improvement comprising controlling said process by measuring the pH of the DS product solution stream, comparing said pH with a pre-selected pH value, and adjusting for deviation of pH by adjusting the feed of nitrite solution and measuring the concentration of unreacted nitrite in the DS product solution stream, comparing said concentration with a pre-selected concentration value, and adjusting for deviation of said concentration by adjusting the feed of trim ammonia.

IPC 1-7
C01B 21/14

IPC 8 full level
C01B 21/14 (2006.01)

CPC (source: EP US)
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Citation (examination)
PATENT ABSTRACTS OF JAPAN vol. 6, No. 131 (C-114)(1009), 17 July 1982; & JP-A-57 56 308 (UBE KOSAN K.K.) 03.04.1982

Designated contracting state (EPC)
IT NL

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